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A. Tzur et al.
Lymphoblasts grow slowly after mitosis, then reach a constant exponential rate, indicating an active size-control mechanism.

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M. Rempel et al.
Simulations of sunspots show that their structure and outflows can be understood in terms of convection in a magnetic field.

Quantum Walk in Position Space with Single Optically Trapped Atoms
M. Karski et al.
A single cesium atom trapped in an optical lattice is used to illustrate a quantum walk.

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Y. L. Chen et al.
Bi₂Te₃ is identified as a three-dimensional topological insulator with a single metallic surface state.

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F. Carbone et al.
Femtosecond tracking of an electron probe beam reveals correlated electronic and nuclear motion in laser-heated graphite.

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E. J. Beal et al.
Methane oxidation in marine sediments can be driven by electron acceptors like iron or manganese, not only by sulfate.

Consistency Between Satellite-Derived and Modeled Estimates of the Direct Aerosol Effect
G. Myhre
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H. Nagashima et al.
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R. J. Garten et al.
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The Formation of Population III Binaries from Cosmological Initial Conditions  
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Hyponxia reduces proline hydroxylation and ubiquitylation of a G protein–coupled receptor, preventing down-regulation.  
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123